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1 [Texture synthesis over arbitrary manifold surfaces](#)



Li-Yi Wei, Marc Levoy

August 2001 SIGGRAPH '01: Proceedings of the 28th annual conference on Computer graphics and interactive techniques

Publisher: ACM

Full text available: [pdf\(2.41 MB\)](#)

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Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 83, Citation Count: 48

Algorithms exist for synthesizing a wide variety of textures over rectangular domains. However, it remains difficult to synthesize general textures over arbitrary manifold surfaces. In this paper, we present a solution to this problem for surfaces defined ...



Keywords: curves & surfaces, texture mapping, texture synthesis

2 [Analysis and testing of Web applications](#)

Filippo Ricca, Paolo Tonella

July ICSE '01: Proceedings of the 23rd International Conference on Software Engineering

Publisher: IEEE Computer Society

Full text available:  [pdf\(167.58 KB\)](#)  [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 421, Citation Count: 29

The economic relevance of Web applications increases the importance of controlling and improving their quality. Moreover, the new available technologies for their development allow the insertion of sophisticated functions, but often leave the developers ...

Keywords: UML modeling, code analysis, reverse engineering, testing, web applications

3 [Sequential abstract-state machines capture sequential algorithms](#)



Yuri Gurevich

July ACM Transactions on Computational Logic (TOCL), Volume 1 Issue 1 2000

Publisher: ACM

Full text available:  [pdf\(217.75 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 91, Citation Count: 20

We examine sequential algorithms and formulate a sequential-time postulate, an abstract-state postulate, and a bounded-exploration postulate. Analysis of the postulates leads us to the notion of sequential abstract-state machine and to the theorem in ...

Keywords: Turing's thesis, abstract-state machine, executable specification, sequential ASM thesis, sequential algorithm, specification

4 [Adding tuples to Java: a study in lightweight data structures](#)



C. van Reeuwijk, H. J. Sips

November 2002 JGI '02: Proceedings of the 2002 joint ACM-ISCOPE conference on Java Grande

Publisher: ACM

Full text available: [pdf\(91.24 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 47, Citation Count: 2

Java classes are very flexible, but this comes at a price. The main cost is that every class instance must be dynamically allocated. Their access by reference introduces pointer dereferences and complicates program analysis. These costs are particularly ...

Keywords: Java, lightweight data structures, tuple

5 [News](#)



Douglas Blank

December 2000

intelligence, Volume 11 Issue 4

Publisher: ACM

Full text available: [pdf\(684.07 KB\)](#) [html\(33.30 KB\)](#)

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 52, Citation Count: 0

6 [The relevance factor](#)

Kimberley Deninger, Caroline Cassigneul

April 2001 CCSC '01: Proceedings of the sixth annual CCSC northeastern conference on 2001 The journal of computing in small colleges

Publisher: Consortium for Computing Sciences in Colleges

Full text available: [pdf\(51.03 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 14, Citation Count: 0

Search engines today are not always correct in their assessment of how well websites correlate with user-defined keywords. Through extensive research, an adequate relevance factor formula was found and implemented. Chris Buckley, Gerald Salton, and James ...

7 Running EveryWare on the computational grid



Rich Wolski, John Brevik, Chandra Krintz, Graziano Obertelli, Neil Spring, Alan Su
January Supercomputing '99: Proceedings of the 1999 ACM/IEEE conference on
1999 Supercomputing (CDROM)

Publisher: ACM

Full text available: [pdf\(414.73 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 61, Citation Count: 10

8 FLAME: Formal Linear Algebra Methods Environment



John A. Gunnels, Fred G. Gustavson, Greg M. Henry, Robert A. van de Geijn
December ACM Transactions on Mathematical Software (TOMS), Volume 27
2001 Issue 4

Publisher: ACM

Full text available: [pdf\(508.85 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 67, Citation Count: 12

Since the advent of high-performance distributed-memory parallel computing, the need for intelligible code has become ever greater. The development and maintenance of libraries for these architectures is simply too complex to be amenable to conventional ...

Keyw ords: Formal derivation, libraries, linear algebra, performance

9 Reconstructing Leonardo's ideal city - from handwritten codexes to webtalk-II: a 3D collaborative virtual environment system



Thimoty Barbieri, Paolo Paolini
November VAST '01: Proceedings of the 2001 conference on Virtual reality,
2001 archeology, and cultural heritage

Publisher: ACM

Full text available: [pdf\(2.05 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 96, Citation Count: 0

Collaborative Virtual Environments are a class of desktop applications that allow the user to explore a 3D environment, being aware of the presence, the position and the activity of other users, which share the same space. In virtual environments oriented ...


Keyw ords: collaborative virtual environments, computer supported collaborative learning, java, java3D, virtual reality

10 [The relevance factor](#)

Kimberley Deninger, Caroline Cassigneul

April 2001 Journal of Computing Sciences in Colleges, Volume 16 Issue 4

Publisher: Consortium for Computing Sciences in Colleges

Full text available:  [pdf\(51.03 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)





Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 14, Citation Count: 0

Search engines today are not always correct in their assessment of how well websites correlate with user-defined keywords. Through extensive research, an adequate relevance factor formula was found and implemented. Chris Buckley, Gerald Salton, and James ...

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